Talon FAST™ + NetApp Data Fabric
Consolidate Distributed File Servers into ONTAP

Talon and NetApp assist organizations with modernizing their distributed storage and in their journey into on-premise, hybrid, or public cloud infrastructure. This proven solution strategy allows enterprises to centralize and consolidate unstructured data while leveraging a software fabric that caches "active data" sets in distributed offices globally. As a result, business users are guaranteed transparent data access and optimal performance on a global scale.

Factors impacting the Distributed Enterprise

Today, one of the biggest challenges that organizations face is the excessive growth of unstructured data and the inability to centrally manage those data sets efficiently. Considering that 80% of unstructured data resides at distributed locations, organizations struggle to manage these "islands" of data, resulting in complex and costly IT management, as well as increased risk of audit, compliance, and security breaches.

Challenges around Distributed Storage

- Are you managing "Islands of Data" in your branch offices?
- Are your users struggling with poor performance accessing their files?
- Do you need a cost-effective way in managing unstructured data to accommodate ever growing data stores?
- Does the business require you to move your unstructured data workloads into a hybrid or public cloud?

What if you could have the governance, control, and cost advantages of centralizing unstructured data in your datacenter or public cloud without sacrificing edge performance?
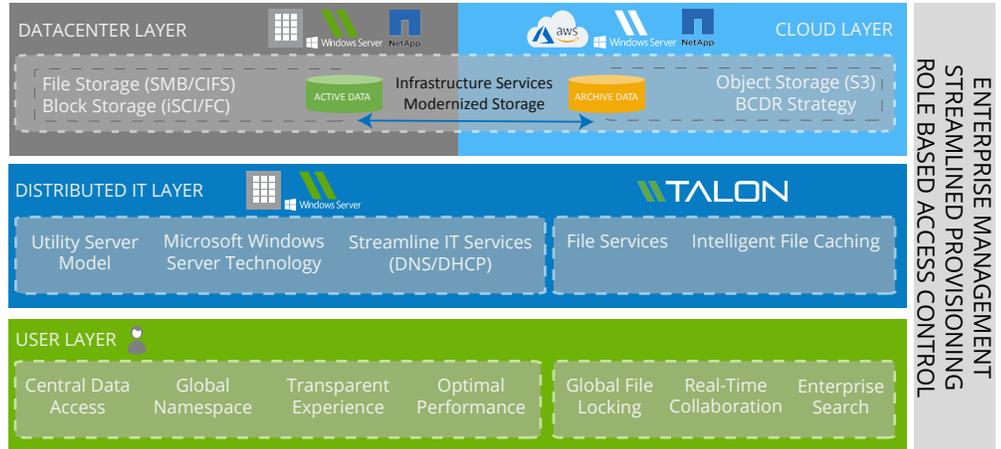
What if you could combine better operational controls and lower infrastructure costs with an incredible collaboration experience at the edge?

Talon + NetApp: The "Next step" in Unstructured Data Management for the Distributed Enterprise

With Talon FAST™ *Intelligent File Caching* software and the NetApp Data Fabric, either using on-premise FAS/AFF solutions or Cloud Volumes ONTAP in conjunction with Microsoft Azure or Amazon AWS, you can do more than just control your data. You revolutionize the way your company manages unstructured data, both in its daily operations and how users access that data globally.

85% of companies are in the process of adopting a cloud transformation strategy. This means combining on-premise, hybrid, and public cloud services and associated storage technologies, like file/block-based, object storage (S3/BLOB) to host both structured and unstructured data. Talon and NetApp recognize the impact on the organization, end users, distributed IT strategy, and datacenter and cloud operations.

The Talon and NetApp joint-solution approach allows for a scalable, flexible and cost-effective solution strategy, addressing all layers of the enterprise from end users, to branch office, datacenter and cloud infrastructure. See above figure

Drastically reduce storage footprint

Consolidation with Talon FAST™ enables distributed branch offices total access to the entire directory structure, giving them streamlined access to all company data while only active data sets are cached locally. Users have immediate access to all centralized data, which could be 100s of TBs or even PBs of unstructured data, but only data that is relevant to them or actively used by other users in the office is cached on locally. Additionally, as the active dataset ages over time, the FAST™ Intelligent File Caching purging mechanism clears the least recently used (LRU) cached files from the local storage volume.
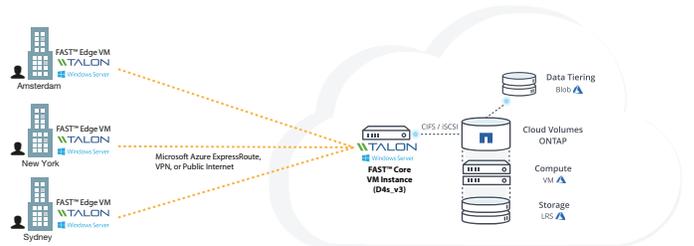
Streamline and Simplify Distributed IT

As organizations are aiming to centralize and consolidate their branch office IT storage assets, eliminating complexity and back-ups provides significant cost savings. As Talon FAST™ deploys transparently on a (virtual) Microsoft Windows Server instance, on traditional servers, or on virtualization platforms like Microsoft Hyper-V or VMware vSphere, enterprises can consolidate local storage and embed services like Microsoft Active Directory, DNS/DHCP, DNS, DFS Namespaces, and Software Distribution in their streamlined and standardized branch office IT image. See figure >

The FAST™ Fabric, Storage Agnostic

By overlaying the Windows File Sharing mechanism, virtually every back end storage platform that stores unstructured data can be made accessible globally by implementing Talon FAST™ software. FAST™ provides a Virtual File Share and Intelligent File Cache at each edge location, fully integrating with security principles like Active Directory, ACLs, NTFS permissions, and DFS Namespaces.

Ensure optimal user experience

With Talon FAST™ *Intelligent File Caching* software, your distributed users are guaranteed an optimal experience. By accessing and collaborating on data in real-time—transparent to all client platforms—users will feel as if they're all working in the same office, anywhere in the world, regardless of bandwidth, latency, and distance.

About Talon - www.talonstorage.com

Talon, a leader in next generation software-defined storage solutions, enables enterprises to centralize and consolidate IT storage infrastructure, while bringing data closer to their users, enabling enterprise global file sharing and collaboration. From its headquarters in Mount Laurel, NJ and its global locations, Talon serves the largest Global 2000 organizations.